

Patent Claims

1. Bleach or bleach/fixing solution for processing photographic silver halide materials which, relative to the silver halide content of the unprocessed material, exhibit prior to the bleaching step a content of silver arising from development of at least 65 mol%, characterised in that the solution contains at least one iron complex of propylenediaminetetraacetic acid or of β -alaninediacetic acid or a mixture of these complexes and the total concentration of the stated iron complexes in the solution is at least 0.045 and at most 0.25 mol/l.
2. Processing solution according to claim 1, characterised in that it comprises a bleach solution.
3. Processing solution according to claim 1, characterised in that the solution contains at least one iron complex of propylenediaminetetraacetic acid in a concentration of at least 0.045 and at most 0.25 mol/l.
4. Processing solution according to claim 1, characterised in that the solution contains substantially no further iron/aminopolycarboxylic acid complex.
5. Bleach or bleach/fixing solution for processing colour reversal silver halide materials, characterised in that the solution contains at least one iron complex of propylenediaminetetraacetic acid or of β -alaninediacetic acid or a mixture of these complexes and the total concentration of the stated iron complexes in the solution is at least 0.045 and at most 0.25 mol/l.
6. Preparation for producing, regenerating or rejuvenating a bleach or bleach-fixing solution according to claim 1, characterised in that the preparation may consist of one or more components and contains substantially all the necessary chemicals.

7. Preparation according to claim 6, characterised in that it comprises a concentrated solution.
- 5 8. Process for processing colour reversal silver halide materials containing a bleaching step, characterised in that the bleaching step is performed using a solution which contains at least one iron complex of propylenediaminetetraacetic acid or of β -alaninediacetic acid or a mixture of these complexes and the total concentration of the stated iron complexes in the solution is at least 0.045 and at most 0.25 mol/l.
- 10 9. Process for processing colour reversal materials according to claim 8, characterised in that the materials comprise a transparent support.
- 15 10. Process for processing colour reversal materials according to claim 8, characterised in that, prior to the bleaching step, the process comprises at least the steps first development, reversal step and colour development.
- 20 11. Process for processing colour reversal materials according to claim 8, characterised in that the process comprises a separate fixing step after the bleaching step.
- 25 12. Process for processing colour reversal materials according to claim 8, characterised in that, prior to the bleaching step, the material passes through a conditioning bath.
- 30 13. Process for processing colour reversal materials according to claim 8, characterised in that the process equilibrium of the solution used for the bleaching step is maintained by apportioning a regenerator.

14. Process for processing colour reversal materials according to claim 13, characterised in that the process equilibrium of the solution used for the bleaching step is maintained by directly apportioning a preparation according to claim 7.

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15. Process for processing colour reversal materials according to claim 8, characterised in that the process equilibrium of the solution used for the bleaching step is maintained by apportioning a solution obtained from the bath overflow after rejuvenation.

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